

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Chandrakumar, et. al.

SERIAL NUMBER: Not Assigned

FILED: November 20, 2003

TITLE: HETEROCYCLIC GLYCYL β -Alanine Derivatives

GROUP ART UNIT: Not Assigned

EXAMINER: Not Assigned

DATE: November 20, 2003

I hereby certify that this correspondence is being
deposited with the United States Postal Service as
Express Mail EV 397361436 US addressed to:
Commissioner for Patents,
Alexandria, VA 22313-1450 on November 20, 2003
by Linda Haley

Linda Haley

Date: November 20, 2003

ASSOCIATE POWER OF ATTORNEY

Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

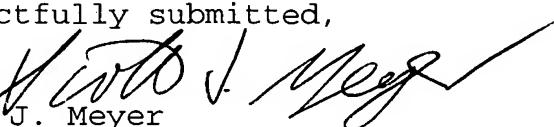
Please recognize Rachel A. Polster, Registration No. 47,004, whose post office address is:

PHARMACIA CORPORATION
of Pfizer Inc.
Corporate Patent Department
P. O. Box 1027
Chesterfield, MO 63006
Tel: 314-274-7354

as Patent Agent in the above-identified application with full power to transact all business before the Patent and Trademark Office with regard to said application and any continuation or divisional applications thereof.

Please address all future communications with regard to this application to Rachel A. Polster at the address indicated.

Respectfully submitted,


Scott J. Meyer
Attorney for Applicants
Registration No. 25,275
314-274-3117

PHARMACIA CORPORATION
of Pfizer Inc.
Corporate Patent Department
P. O. Box 1027
Chesterfield, MO 63006

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HETEROCYCLIC GLYCYL β -ALANINE DERIVATIVES

The specification of which (check one)

is attached hereto
 was filed on April 8, 1999

as Application 09/289,140 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

			Priority Claimed
(Number)	(Country)	(Day/month/year filed)	<input type="checkbox"/> <input type="checkbox"/> Yes No
(Number)	(Country)	(Day/month/year filed)	<input type="checkbox"/> <input type="checkbox"/> Yes No
(Number)	(Country)	(Day/month/year filed)	<input type="checkbox"/> <input type="checkbox"/> Yes No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as

defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.) (Filing date) (Status) (patented, pending, abandoned)

(Application Serial No.) (Filing date) (Status) (patented, pending, abandoned)

I hereby claim the benefit under 35 USC §119(e) of any United States Provisional Application listed below:

60/081,394
Application Number

April 10, 1998
Filing Date

POWER OF ATTORNEY: As a named inventor, I hereby appoint as attorneys agents: DENNIS A. BENNETT, Registration No. 34547, JOSEPH W. BULOCK, Registration No. 37103, J. TIMOTHY KEANE, Registration No. 27808, CYNTHIA S. KOVACEVIC, Registration No. 35578, SCOTT J. MEYER, Registration No. 25275, MICHAEL J. ROTH, Registration No. 29342, and ROGER A. WILLIAMS, Registration No. 27679, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct all telephone calls to Cynthia S. Kovacevic at (847) 581-6954 and address all correspondence to:

G. D. Searle & Co.
Corporate Patent Law Department
P.O. Box 5110
Chicago, IL 60680-5110
Attn: Roger A. Williams

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1)

FULL NAME (INVENTOR)	LAST Chandrakumar	FIRST Nizal		MIDDLE Samuel
RESIDENCE & CITIZENSHIP	CITY Vernon Hills	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP India	
POST OFFICE ADDRESS	P.O. ADDRESS 15 Mont-gomery Lane	CITY Vernon Hills	STATE/COUNTRY Illinois	ZIP CODE 60061
SIGNATURE OF INVENTOR	Non Sam Chandrakumar		DATE 6. 10. 99	

2)

FULL NAME (INVENTOR)	LAST Desai	FIRST Bipinchandra	MIDDLE Nanubhai	
RESIDENCE & CITIZENSHIP	CITY Vernon Hills	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 200 Anna- polis Drive	CITY Vernon Hills	STATE/COUNTRY Illinois	ZIP CODE 60061
SIGNATURE OF INVENTOR			DATE	

3)

FULL NAME (INVENTOR)	LAST Devadas	FIRST Balekudru	MIDDLE	
RESIDENCE & CITIZENSHIP	CITY Chesterfield	STATE/FOREIGN COUNTRY Missouri	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 2175 Para- sol Drive	CITY Chesterfield	STATE/COUNTRY Missouri	ZIP CODE 63017
SIGNATURE OF INVENTOR			DATE	

4)

FULL NAME (INVENTOR)	LAST Gasiecki	FIRST Alan	MIDDLE Frank	
RESIDENCE & CITIZENSHIP	CITY Vernon Hills	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 105 Alexan- dria Drive	CITY Vernon Hills	STATE/COUNTRY Illinois	ZIP CODE 60061
SIGNATURE OF INVENTOR			DATE	

5)

FULL NAME (INVENTOR)	LAST Huff	FIRST Renee	MIDDLE	
RESIDENCE & CITIZENSHIP	CITY Park Ridge	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 837 N. Lin- coln Ave.	CITY Park Ridge	STATE/COUNTRY Illinois	ZIP CODE 60068
SIGNATURE OF INVENTOR			DATE	

6)

FULL NAME (INVENTOR)	LAST Khanna	FIRST Ish	MIDDLE K.	
RESIDENCE & CITIZENSHIP	CITY Vernon Hills	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP India	
POST OFFICE ADDRESS	P.O. ADDRESS 149 Brandy- wine	CITY Vernon Hills	STATE/COUNTRY Illinois	ZIP CODE 60061
SIGNATURE OF INVENTOR			DATE	

7)

FULL NAME (INVENTOR)	LAST Malecha	FIRST James	MIDDLE W.	
RESIDENCE & CITIZENSHIP	CITY Liberty- ville	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 1121 Tracy Lane	CITY Liberty- ville	STATE/COUNTRY Illinois	ZIP CODE 60048
SIGNATURE OF INVENTOR			DATE	

8)

FULL NAME (INVENTOR)	LAST Miyashiro	FIRST Julie	MIDDLE M.	
RESIDENCE & CITIZENSHIP	CITY Skokie	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 4654 W. Keeney	CITY Skokie	STATE/COUNTRY Illinois	ZIP CODE 60076
SIGNATURE OF INVENTOR		DATE		

9)

FULL NAME (INVENTOR)	LAST Rao	FIRST Shashidhar	MIDDLE N.	
RESIDENCE & CITIZENSHIP	CITY Mundelein	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP India	
POST OFFICE ADDRESS	P.O. ADDRESS 43 Windsor Place	CITY Mundelein	STATE/COUNTRY Illinois	ZIP CODE 60060
SIGNATURE OF INVENTOR <i>Shashidhar N.R.</i>		DATE <i>June 10, 1999</i>		

10)

FULL NAME (INVENTOR)	LAST Rico	FIRST Joseph	MIDDLE Gerace	
RESIDENCE & CITIZENSHIP	CITY Ballwin	STATE/FOREIGN COUNTRY Missouri	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 524 Weather- by Terrace	CITY Ballwin	STATE/COUNTRY Missouri	ZIP CODE 63021
SIGNATURE OF INVENTOR		DATE		

11)

FULL NAME (INVENTOR)	LAST Rogers	FIRST Thomas	MIDDLE Edward	
RESIDENCE & CITIZENSHIP	CITY Ballwin	STATE/FOREIGN COUNTRY Missouri	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 755 Trago Creek Drive	CITY Ballwin	STATE/COUNTRY Missouri	ZIP CODE 63021
SIGNATURE OF INVENTOR			DATE	

12)

FULL NAME (INVENTOR)	LAST Ruminski	FIRST Peter	MIDDLE Gerrard	
RESIDENCE & CITIZENSHIP	CITY Dardenne Prairie	STATE/FOREIGN COUNTRY Missouri	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 7687 Pier- side Drive	CITY Dardenne Prairie	STATE/COUNTRY Missouri	ZIP CODE 63366
SIGNATURE OF INVENTOR			DATE	

13)

FULL NAME (INVENTOR)	LAST Russell	FIRST Mark	MIDDLE Andrew	
RESIDENCE & CITIZENSHIP	CITY Gurnee	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 475 Cross Road	CITY Gurnee	STATE/COUNTRY Illinois	ZIP CODE 60031
SIGNATURE OF INVENTOR			DATE	

14)

FULL NAME (INVENTOR)	LAST Yu	FIRST Yi	MIDDLE	
RESIDENCE & CITIZENSHIP	CITY Skokie	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP People's Republic of China	
POST OFFICE ADDRESS	P.O. ADDRESS 9065 Gross Point Road	CITY Skokie	STATE/COUNTRY Illinois	ZIP CODE 60077
SIGNATURE OF INVENTOR			DATE	

1)

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HETEROCYCLIC GLYCYL β -ALANINE DERIVATIVES

The specification of which (check one)

is attached hereto
 was filed on April 8, 1999

as Application 09/289,140 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

		Priority Claimed
(Number)	(Country)	<input type="checkbox"/> <input checked="" type="checkbox"/> Yes No
(Number)	(Country)	<input type="checkbox"/> <input checked="" type="checkbox"/> Yes No
(Number)	(Country)	<input type="checkbox"/> <input checked="" type="checkbox"/> Yes No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as

defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.) (Filing date) (Status) (patented, pending, abandoned)

(Application Serial No.) (Filing date) (Status) (patented, pending, abandoned)

I hereby claim the benefit under 35 USC §119(e) of any United States Provisional Application listed below:

60/081,394
Application Number

April 10, 1998
Filing Date

POWER OF ATTORNEY: As a named inventor, I hereby appoint as attorneys agents: DENNIS A. BENNETT, Registration No. 34547, JOSEPH W. BULOCK, Registration No. 37103, J. TIMOTHY KEANE, Registration No. 27808, CYNTHIA S. KOVACEVIC, Registration No. 35578, SCOTT J. MEYER, Registration No. 25275, MICHAEL J. ROTH, Registration No. 29342, and ROGER A. WILLIAMS, Registration No. 27679, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct all telephone calls to Cynthia S. Kovacevic at (847) 581-6954 and address all correspondence to:

G. D. Searle & Co.
Corporate Patent Law Department .
P.O. Box 5110
Chicago, IL 60680-5110
Attn: Roger A. Williams

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1)

FULL NAME (INVENTOR)	LAST Chandrakumar	FIRST Nizal	MIDDLE Samuel	
RESIDENCE & CITIZENSHIP	CITY Vernon Hills	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP India	
POST OFFICE ADDRESS	P.O. ADDRESS 15 Montgomery Lane	CITY Vernon Hills	STATE/COUNTRY Illinois	ZIP CODE 60061
SIGNATURE OF INVENTOR			DATE	

2)

FULL NAME (INVENTOR)	LAST Desai	FIRST Bipinchandra	MIDDLE Nanubhai	
RESIDENCE & CITIZENSHIP	CITY Vernon Hills	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 200 Anna-polis Drive	CITY Vernon Hills	STATE/COUNTRY Illinois	ZIP CODE 60061
SIGNATURE OF INVENTOR	<i>Dependente Paribhi Desai</i>		DATE 06-09-99	

3)

FULL NAME (INVENTOR)	LAST Devadas	FIRST Balekudru	MIDDLE	
RESIDENCE & CITIZENSHIP	CITY Chesterfield	STATE/FOREIGN COUNTRY Missouri	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 2175 Parasol Drive	CITY Chesterfield	STATE/COUNTRY Missouri	ZIP CODE 63017
SIGNATURE OF INVENTOR			DATE	

4)

FULL NAME (INVENTOR)	LAST Gasiecki	FIRST Alan	MIDDLE Frank	
RESIDENCE & CITIZENSHIP	CITY Vernon Hills	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 105 Alexandria Drive	CITY Vernon Hills	STATE/COUNTRY Illinois	ZIP CODE 60061
SIGNATURE OF INVENTOR	<i>Alan Frank Gasiecki</i>		DATE	

5)

FULL NAME (INVENTOR)	LAST Huff	FIRST Renee	MIDDLE	
RESIDENCE & CITIZENSHIP	CITY Park Ridge	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 837 N. Lincoln Ave.	CITY Park Ridge	STATE/COUNTRY Illinois	ZIP CODE 60068
SIGNATURE OF INVENTOR	<i>Renee Huff</i>		DATE	6/8/99

6)

FULL NAME (INVENTOR)	LAST Khanna	FIRST Ish	MIDDLE K.	
RESIDENCE & CITIZENSHIP	CITY Vernon Hills	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP India	
POST OFFICE ADDRESS	P.O. ADDRESS 149 Brandywine	CITY Vernon Hills	STATE/COUNTRY Illinois	ZIP CODE 60061
SIGNATURE OF INVENTOR	<i>Ish K. Khan</i>		DATE	6/9/99

7)

FULL NAME (INVENTOR)	LAST Malecha	FIRST James	MIDDLE W.	
RESIDENCE & CITIZENSHIP	CITY Libertyville	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 1121 Tracy Lane	CITY Libertyville	STATE/COUNTRY Illinois	ZIP CODE 60048
SIGNATURE OF INVENTOR	<i>James Malecha</i>		DATE	6/9/99

8)

FULL NAME (INVENTOR)	LAST Miyashiro	FIRST Julie	MIDDLE M.	
RESIDENCE & CITIZENSHIP	CITY Skokie	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 4654 W. Keeney	CITY Skokie	STATE/COUNTRY Illinois	ZIP CODE 60076
SIGNATURE OF INVENTOR	<i>Julie M. Miyashiro</i>		DATE 6/8/99	

9)

FULL NAME (INVENTOR)	LAST Rao	FIRST Shashidhar	MIDDLE N.	
RESIDENCE & CITIZENSHIP	CITY Mundelein	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP India	
POST OFFICE ADDRESS	P.O. ADDRESS 43 Windsor Place	CITY Mundelein	STATE/COUNTRY Illinois	ZIP CODE 60060
SIGNATURE OF INVENTOR			DATE	

10)

FULL NAME (INVENTOR)	LAST Rico	FIRST Joseph	MIDDLE Gerace	
RESIDENCE & CITIZENSHIP	CITY Ballwin	STATE/FOREIGN COUNTRY Missouri	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 524 Weatherby Terrace	CITY Ballwin	STATE/COUNTRY Missouri	ZIP CODE 63021
SIGNATURE OF INVENTOR			DATE	

11)

FULL NAME (INVENTOR)	LAST Rogers	FIRST Thomas	MIDDLE Edward	
RESIDENCE & CITIZENSHIP	CITY Ballwin	STATE/FOREIGN COUNTRY Missouri	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 755 Trago Creek Drive	CITY Ballwin	STATE/COUNTRY Missouri	ZIP CODE 63021
SIGNATURE OF INVENTOR			DATE	

12)

FULL NAME (INVENTOR)	LAST Ruminski	FIRST Peter	MIDDLE Gerrard	
RESIDENCE & CITIZENSHIP	CITY Dardenne Prairie	STATE/FOREIGN COUNTRY Missouri	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 7687 Pier- side Drive	CITY Dardenne Prairie	STATE/COUNTRY Missouri	ZIP CODE 63366
SIGNATURE OF INVENTOR			DATE	

13)

FULL NAME (INVENTOR)	LAST Russell	FIRST Mark	MIDDLE Andrew	
RESIDENCE & CITIZENSHIP	CITY Gurnee	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 475 Cross Road	CITY Gurnee	STATE/COUNTRY Illinois	ZIP CODE 60031
SIGNATURE OF INVENTOR Mark A. Russell			DATE 6/9/99	

14)

FULL NAME (INVENTOR)	LAST Yu	FIRST Yi	MIDDLE	
RESIDENCE & CITIZENSHIP	CITY Skokie	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP People's Republic of China	
POST OFFICE ADDRESS	P.O. ADDRESS 9065 Gross Point Road	CITY Skokie	STATE/COUNTRY Illinois	ZIP CODE 60077
SIGNATURE OF INVENTOR			DATE 6/8/99	

1)

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HETEROCYCLIC GLYCYL β -ALANINE DERIVATIVES

The specification of which (check one)

is attached hereto
 was filed on April 8, 1999

as Application 09/289,140 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

(Number)	(Country)	(Day/month/year filed)

Priority Claimed	
<input type="checkbox"/>	<input type="checkbox"/>
Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
Yes	No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as

defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.) (Filing date) (Status) (patented, pending, abandoned)

(Application Serial No.) (Filing date) (Status) (patented, pending, abandoned)

I hereby claim the benefit under 35 USC §119(e) of any United States Provisional Application listed below:

60/081,394
Application Number

April 10, 1998
Filing Date

POWER OF ATTORNEY: As a named inventor, I hereby appoint as attorneys agents: DENNIS A. BENNETT, Registration No. 34547, JOSEPH W. BULOCK, Registration No. 37103, J. TIMOTHY KEANE, Registration No. 27808, CYNTHIA S. KOVACEVIC, Registration No. 35578, SCOTT J. MEYER, Registration No. 25275, MICHAEL J. ROTH, Registration No. 29342, and ROGER A. WILLIAMS, Registration No. 27679, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct all telephone calls to Cynthia S. Kovacevic at (847) 581-6954 and address all correspondence to:

G. D. Searle & Co.
Corporate Patent Law Department
P.O. Box 5110
Chicago, IL 60680-5110
Attn: Roger A. Williams

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1)

FULL NAME (INVENTOR)	LAST Chandrakumar	FIRST Nizal	MIDDLE Samuel	
RESIDENCE & CITIZENSHIP	CITY Vernon Hills	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP India	
POST OFFICE ADDRESS	P.O. ADDRESS 15 Mont-gomery Lane	CITY Vernon Hills	STATE/COUNTRY Illinois	ZIP CODE 60061
SIGNATURE OF INVENTOR			DATE	

2)

FULL NAME (INVENTOR)	LAST Desai	FIRST Bipinchandra	MIDDLE Nanubhai	
RESIDENCE & CITIZENSHIP	CITY Vernon Hills	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 200 Anna- polis Drive	CITY Vernon Hills	STATE/COUNTRY Illinois	ZIP CODE 60061
SIGNATURE OF INVENTOR			DATE	

3)

FULL NAME (INVENTOR)	LAST Devadas	FIRST Balekudru	MIDDLE	
RESIDENCE & CITIZENSHIP	CITY Chesterfield	STATE/FOREIGN COUNTRY Missouri	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 2175 Para- sol Drive	CITY Chesterfield	STATE/COUNTRY Missouri	ZIP CODE 63017
SIGNATURE OF INVENTOR <i>Devadas</i>			DATE 7/12/99	

4)

FULL NAME (INVENTOR)	LAST Gasiecki	FIRST Alan	MIDDLE Frank	
RESIDENCE & CITIZENSHIP	CITY Vernon Hills	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 105 Alexan- dria Drive	CITY Vernon Hills	STATE/COUNTRY Illinois	ZIP CODE 60061
SIGNATURE OF INVENTOR			DATE	

5)

FULL NAME (INVENTOR)	LAST Huff	FIRST Renee	MIDDLE	
RESIDENCE & CITIZENSHIP	CITY Park Ridge	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 837 N. Lincoln Ave.	CITY Park Ridge	STATE/COUNTRY Illinois	ZIP CODE 60068
SIGNATURE OF INVENTOR			DATE	

6)

FULL NAME (INVENTOR)	LAST Khanna	FIRST Ish	MIDDLE K.	
RESIDENCE & CITIZENSHIP	CITY Vernon Hills	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP India	
POST OFFICE ADDRESS	P.O. ADDRESS 149 Brandy- wine	CITY Vernon Hills	STATE/COUNTRY Illinois	ZIP CODE 60061
SIGNATURE OF INVENTOR			DATE	

7)

FULL NAME (INVENTOR)	LAST Malecha	FIRST James	MIDDLE W.	
RESIDENCE & CITIZENSHIP	CITY Liberty- ville	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 1121 Tracy Lane	CITY Liberty- ville	STATE/COUNTRY Illinois	ZIP CODE 60048
SIGNATURE OF INVENTOR			DATE	

8)

FULL NAME (INVENTOR)	LAST Miyashiro	FIRST Julie	MIDDLE M.	
RESIDENCE & CITIZENSHIP	CITY Skokie	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 4654 W. Keeney	CITY Skokie	STATE/COUNTRY Illinois	ZIP CODE 60076
SIGNATURE OF INVENTOR			DATE	

9)

FULL NAME (INVENTOR)	LAST Rao	FIRST Shashidhar	MIDDLE N.	
RESIDENCE & CITIZENSHIP	CITY Mundelein	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP India	
POST OFFICE ADDRESS	P.O. ADDRESS 43 Windsor Place	CITY Mundelein	STATE/COUNTRY Illinois	ZIP CODE 60060
SIGNATURE OF INVENTOR			DATE	

10)

FULL NAME (INVENTOR)	LAST Rico	FIRST Joseph	MIDDLE Gerace	
RESIDENCE & CITIZENSHIP	CITY Ballwin	STATE/FOREIGN COUNTRY Missouri	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 524 Weather- by Terrace	CITY Ballwin	STATE/COUNTRY Missouri	ZIP CODE 63021
SIGNATURE OF INVENTOR			DATE	

11)

FULL NAME (INVENTOR)	LAST Rogers	FIRST Thomas	MIDDLE Edward	
RESIDENCE & CITIZENSHIP	CITY Ballwin	STATE/FOREIGN COUNTRY Missouri	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 755 Trago Creek Drive	CITY Ballwin	STATE/COUNTRY Missouri	ZIP CODE 63021
SIGNATURE OF INVENTOR			DATE	

12)

FULL NAME (INVENTOR)	LAST Ruminski	FIRST Peter	MIDDLE Gerrard	
RESIDENCE & CITIZENSHIP	CITY Dardenne Prairie	STATE/FOREIGN COUNTRY Missouri	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 7687 Pier- side Drive	CITY Dardenne Prairie	STATE/COUNTRY Missouri	ZIP CODE 63366
SIGNATURE OF INVENTOR			DATE	

13)

FULL NAME (INVENTOR)	LAST Russell	FIRST Mark	MIDDLE Andrew	
RESIDENCE & CITIZENSHIP	CITY Gurnee	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 475 Cross Road	CITY Gurnee	STATE/COUNTRY Illinois	ZIP CODE 60031
SIGNATURE OF INVENTOR			DATE	

14)

FULL NAME (INVENTOR)	LAST Yu	FIRST Yi	MIDDLE	
RESIDENCE & CITIZENSHIP	CITY Skokie	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP People's Republic of China	
POST OFFICE ADDRESS	P.O. ADDRESS 9065 Gross Point Road	CITY Skokie	STATE/COUNTRY Illinois	ZIP CODE 60077
SIGNATURE OF INVENTOR			DATE	

1)

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HETEROCYCLIC GLYCYL β -ALANINE DERIVATIVES

The specification of which (check one)

is attached hereto
 was filed on April 8, 1999

as Application 09/289,140 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

		Priority Claimed
<hr/> (Number)	<hr/> (Country)	<hr/> (Day/month/year filed)
		<input type="checkbox"/> <input type="checkbox"/> Yes No
<hr/> (Number)	<hr/> (Country)	<hr/> (Day/month/year filed)
		<input type="checkbox"/> <input type="checkbox"/> Yes No
<hr/> (Number)	<hr/> (Country)	<hr/> (Day/month/year filed)
		<input type="checkbox"/> <input type="checkbox"/> Yes No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as

defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.) (Filing date) (Status) (patented, pending, abandoned)

(Application Serial No.) (Filing date) (Status) (patented, pending, abandoned)

I hereby claim the benefit under 35 USC §119(e) of any United States Provisional Application listed below:

60/081,394 April 10, 1998
Application Number Filing Date

POWER OF ATTORNEY: As a named inventor, I hereby appoint as attorneys agents: DENNIS A. BENNETT, Registration No. 34547, JOSEPH W. BULOCK, Registration No. 37103, J. TIMOTHY KEANE, Registration No. 27808, CYNTHIA S. KOVACEVIC, Registration No. 35578, SCOTT J. MEYER, Registration No. 25275, MICHAEL J. ROTH, Registration No. 29342, and ROGER A. WILLIAMS, Registration No. 27679, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct all telephone calls to Cynthia S. Kovacevic at (847) 581-6954 and address all correspondence to:

G. D. Searle & Co.
Corporate Patent Law Department.
P.O. Box 5110
Chicago, IL 60680-5110
Attn: Roger A. Williams

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1)

FULL NAME (INVENTOR)	LAST Chandrakumar	FIRST Nizal	MIDDLE Samuel	
RESIDENCE & CITIZENSHIP	CITY Vernon Hills	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP India	
POST OFFICE ADDRESS	P.O. ADDRESS 15 Mont-gomery Lane	CITY Vernon Hills	STATE/COUNTRY Illinois	ZIP CODE 60061
SIGNATURE OF INVENTOR			DATE	

2)

FULL NAME (INVENTOR)	LAST Desai	FIRST Bipinchandra	MIDDLE Nanubhai	
RESIDENCE & CITIZENSHIP	CITY Vernon Hills	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 200 Anna- polis Drive	CITY Vernon Hills	STATE/COUNTRY Illinois	ZIP CODE 60061
SIGNATURE OF INVENTOR			DATE	

3)

FULL NAME (INVENTOR)	LAST Devadas	FIRST Balekudru	MIDDLE	
RESIDENCE & CITIZENSHIP	CITY Chesterfield	STATE/FOREIGN COUNTRY Missouri	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 2175 Para- sol Drive	CITY Chesterfield	STATE/COUNTRY Missouri	ZIP CODE 63017
SIGNATURE OF INVENTOR			DATE	

4)

FULL NAME (INVENTOR)	LAST Gasiecki	FIRST Alan	MIDDLE Frank	
RESIDENCE & CITIZENSHIP	CITY Vernon Hills	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 105 Alexan- dria Drive	CITY Vernon Hills	STATE/COUNTRY Illinois	ZIP CODE 60061
SIGNATURE OF INVENTOR			DATE	

5)

FULL NAME (INVENTOR)	LAST Huff	FIRST Renee	MIDDLE	
RESIDENCE & CITIZENSHIP	CITY Park Ridge	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 837 N. Lin- coln Ave.	CITY Park Ridge	STATE/COUNTRY Illinois	ZIP CODE 60068
SIGNATURE OF INVENTOR			DATE	

6)

FULL NAME (INVENTOR)	LAST Khanna	FIRST Ish	MIDDLE K.	
RESIDENCE & CITIZENSHIP	CITY Vernon Hills	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP India	
POST OFFICE ADDRESS	P.O. ADDRESS 149 Brandy- wine	CITY Vernon Hills	STATE/COUNTRY Illinois	ZIP CODE 60061
SIGNATURE OF INVENTOR			DATE	

7)

FULL NAME (INVENTOR)	LAST Malecha	FIRST James	MIDDLE W.	
RESIDENCE & CITIZENSHIP	CITY Liberty- ville	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 1121 Tracy Lane	CITY Liberty- ville	STATE/COUNTRY Illinois	ZIP CODE 60048
SIGNATURE OF INVENTOR			DATE	

8)

FULL NAME (INVENTOR)	LAST Miyashiro	FIRST Julie	MIDDLE M.	
RESIDENCE & CITIZENSHIP	CITY Skokie	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 4654 W. Keeney	CITY Skokie	STATE/COUNTRY Illinois	ZIP CODE 60076
SIGNATURE OF INVENTOR			DATE	

9)

FULL NAME (INVENTOR)	LAST Rao	FIRST Shashidhar	MIDDLE N.	
RESIDENCE & CITIZENSHIP	CITY Mundelein	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP India	
POST OFFICE ADDRESS	P.O. ADDRESS 43 Windsor Place	CITY Mundelein	STATE/COUNTRY Illinois	ZIP CODE 60060
SIGNATURE OF INVENTOR			DATE	

10)

FULL NAME (INVENTOR)	LAST Rico	FIRST Joseph	MIDDLE Gerace	
RESIDENCE & CITIZENSHIP	CITY Ballwin	STATE/FOREIGN COUNTRY Missouri	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 524 Weather-by Terrace	CITY Ballwin	STATE/COUNTRY Missouri	ZIP CODE 63021
SIGNATURE OF INVENTOR	<i>Joseph Gerace Rico</i>		DATE	2/16/1999

11)

FULL NAME (INVENTOR)	LAST Rogers	FIRST Thomas	MIDDLE Edward	
RESIDENCE & CITIZENSHIP	CITY Ballwin	STATE/FOREIGN COUNTRY Missouri	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 755 Trago Creek Drive	CITY Ballwin	STATE/COUNTRY Missouri	ZIP CODE 63021
SIGNATURE OF INVENTOR	<i>Thomas Edward Rogers</i>		DATE 6/16/99	

12)

FULL NAME (INVENTOR)	LAST Ruminski	FIRST Peter	MIDDLE Gerrard	
RESIDENCE & CITIZENSHIP	CITY Dardenne Prairie	STATE/FOREIGN COUNTRY Missouri	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 7687 Pier- side Drive	CITY Dardenne Prairie	STATE/COUNTRY Missouri	ZIP CODE 63366
SIGNATURE OF INVENTOR	<i>Pete Gerrard Ruminski</i>		DATE 6-16-99	

13)

FULL NAME (INVENTOR)	LAST Russell	FIRST Mark	MIDDLE Andrew	
RESIDENCE & CITIZENSHIP	CITY Gurnee	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	P.O. ADDRESS 475 Cross Road	CITY Gurnee	STATE/COUNTRY Illinois	ZIP CODE 60031
SIGNATURE OF INVENTOR			DATE	

14)

FULL NAME (INVENTOR)	LAST Yu	FIRST Yi	MIDDLE	
RESIDENCE & CITIZENSHIP	CITY Skokie	STATE/FOREIGN COUNTRY Illinois	COUNTRY OF CITIZENSHIP People's Republic of China	
POST OFFICE ADDRESS	P.O. ADDRESS 9065 Gross Point Road	CITY Skokie	STATE/COUNTRY Illinois	ZIP CODE 60077
SIGNATURE OF INVENTOR			DATE	

1)

08-18-1999

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Total settings → → →



101119834

mau 8-18-99
ned original documents or copy thereof.

To the Honorable Commissioner of Patents a.

1. Name of conveying party(ies):

Nizal Samuel Chanddrakumar

Shashidhar N. Rao

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: June 10, 1999

2. Name and address of receiving party(ies):

Name: G. D. Searle & Co.

Internal Address: Corporate Patent Department

Street Address: Post Office Box 511

City: Chicago State: IL ZIP: 60680

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

Application No. 09/289,140

Filing Date: April 8, 1999

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Cynthia S. Kovacevic

Internal Address: Corporate Patent Department

G. D. Searle & Co.

Street Address: Post Office Box 5110

City: Chicago State: IL ZIP: 60680

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

19-1025

(Attach duplicate copy of this page if paying by deposit account)

08/18/1999 10:00:00 00000013 191025 09289140

DO NOT USE THIS SPACE

01 PCT:381 40.00 CH

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Cynthia S. Kovacevic

Name of Person Signing

Cynthia S. Kovacevic August 9, 1999

Signature

Date

2

Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT
(JOINT, SEPARATE)

For good and other valuable considerations, the receipt and sufficiency of which are hereby acknowledged, I, Nizal S. Chandrakumar, residing at 15 Montgomery Lane, Vernon Hills, State of Illinois, and Shashidhar N. Rao, residing at 736 Bellerive Manor Drive, St. Louis, State of Missouri, hereby sell, assign, transfer, and convey unto G. D. SEARLE & CO., a Delaware corporation, whose address is Post Office Box 5110, Chicago, Illinois 60680, its successors and assigns, my entire right, title, and interest in and to the invention in HETEROCYCLIC GLYCYL β -ALANINE DERIVATIVES described in an application for United States Letters Patent (filed as S/N 09/289,140 on April 8, 1999) and in to all Letters Patent of the United States and foreign countries, in which I am a joint inventor with Bipinchandra Nanubhai Desai, Balekudru Devadas, Alan Frank Gasiecki, Renee Huff, Ish K. Khanna, James W. Malecha, Julie M. Miyashiro, Shashidhar N. Rao, Joseph Gerace Rico, Thomas Edward Rogers, Peter Gerrard Rumininski, Mark Andrew Russell, and Yi Yu, including any divisions, continuations, reissues, and extensions thereof that may be obtained therefor; and I agree that I will, without additional compensation, but without cost to me, promptly communicate to said G. D. SEARLE & CO., or its representatives, any facts known to me respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, and execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper patent protection for said invention or inventions and improvements in the United States and all countries foreign thereto; and I hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent that may be granted for said invention to said G. D. SEARLE & CO., its successors and assigns.

Signed and sealed this 10th day of June, 1999.

Nizal S. Chandrakumar
Nizal S. Chandrakumar

Shashidhar N. Rao
Shashidhar N. Rao

State of Missouri)
County of Missouri) ss

On the day and year aforesaid, appeared Nizal S. Chandrakumar and Shashidhar N. Rao, personally known to me, and by me personally known to be the persons who executed the above instrument, who, being duly sworn, acknowledged that they each executed the above instrument as their free and voluntary act.

Portia M. Simpson
Notary Public

Portia M. Simpson, Notary Public
County of St. Louis, State of Missouri
My Commission Expires July 5, 2001

Case No. 3077

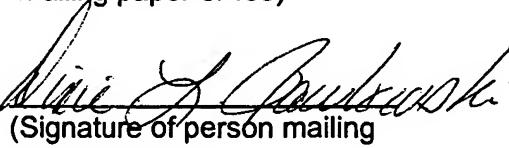
FIRST CLASS MAIL

Date of Deposit: August 9, 1999

I hereby certify that these papers or fees are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on the date listed above.

- Four (4) Original Assignments executed by all Fourteen (14) Inventors
- Four (4) Original Recordation Form Cover Sheets
- Certificate of Mailing
- Post Card

Dixie L. Pawlowski
(Typed or printed name of person
mailing paper or fee)


(Signature of person mailing
paper or fee)

August 9, 1999
Date

August 9, 1999
Date

08-18-1999

Tab settings

101119836

ched original documents or copy thereof.

To the Honorable Commissioner of Patents

1. Name of conveying party(ies):

Devadas, Balekudru

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: July 12, 1999

2. Name and address of receiving party(ies):

Name: G. D. Searle & Co.

Internal Address: Corporate Patent Department

Street Address: Post Office Box 5110

City: Chicago State: IL ZIP: 60680

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/289,140

Filing Date: April 8, 1999

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Cynthia S. Kovacevic

Internal Address: Corporate Patent Department

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

19-1025

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

08/18/1999 REC'DATES 00000011 191025 09289140

01 REC'DATE and SIGNATURE

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Cynthia S. Kovacevic

Name of Person Signing

Cynthia S. Kovacevic August 9, 1999

Signature

Date

2

Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

**ASSIGNMENT
(JOINT, SEPARATE)**

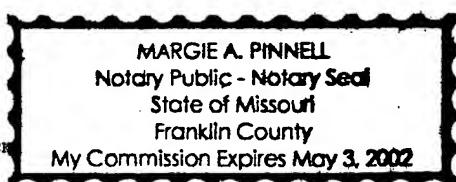
For good and other valuable considerations, the receipt and sufficiency of which are hereby acknowledged, I, Balekudru Devadas, residing at 2175 Parasol Drive, Chesterfield, State of Missouri, hereby sell, assign, transfer, and convey unto G. D. SEARLE & CO., a Delaware corporation, whose address is Post Office Box 5110, Chicago, Illinois 60680, its successors and assigns, my entire right, title, and interest in and to the invention in HETERO CYCLIC GLYCYL β -ALANINE DERIVATIVES described in an application for United States Letters Patent (filed as S/N 09/289,140 on April 8, 1999) and in to all Letters Patent of the United States and foreign countries, in which I am a joint inventor with Nizal Samuel Chandrakumar, Bipinchandra Nanubhai Desai, Alan Frank Gasiecki, Renee Huff, Ish K. Khanna, James W. Malecha, Julie M. Miyashiro, Shashidhar N. Rao, Joseph Gerace Rico, Thomas Edward Rogers, Peter Gerrard Ruminski, Mark Andrew Russell, and Yi Yu, including any divisions, continuations, reissues, and extensions thereof that may be obtained therefor; and I agree that I will, without additional compensation, but without cost to me, promptly communicate to said G. D. SEARLE & CO., or its representatives, any facts known to me respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, and execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper patent protection for said invention or inventions and improvements in the United States and all countries foreign thereto; and I hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent that may be granted for said invention to said G. D. SEARLE & CO., its successors and assigns.

Signed and sealed this 12 day of JULY, 1999.

Balekudru Devadas

State of Missouri)
County of Franklin)
ss

On the day and year aforesaid, appeared Balekudru Devadas, personally known to me, and by me personally known to be the person who executed the above instrument, who, being duly sworn, acknowledged that he executed the above instrument as his free and voluntary act.



Margie A. Prall
Notary Public

10-18-1999

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Tab settings → → →

To the Honorable Commissioner of Paten

1. Name of conveying party(ies):

See Attachment 1

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: June 16, 1999

2. Name and address of receiving party(ies):

Name: G. D. Searle & Co.

Internal Address: Corporate Patent Department

Street Address: Post Office Box 5110

City: Chicago State: IL ZIP: 60680

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/289,140

Filing Date: April 8, 1999

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Cynthia S. Kovacevic

Internal Address: Corporate Patent Department

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

19-1025

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

01 FC:581 40.00 CH

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Cynthia S. Kovacevic

Name of Person Signing

Cynthia S. Kovacevic August 9, 1999

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

Attachment to Form PTO - 1595
Recordation Form Cover Sheet

Attachment 1

Joseph Gerace Rico
Thomas Edward Rogers
Peter Gerrard Ruminski

ASSIGNMENT
(JOINT, SEPARATE)

For good and other valuable considerations, the receipt and sufficiency of which are hereby acknowledged, I, Joseph Gerace Rico, residing at 524 Weatherby Terrace Drive, Ballwin, State of Missouri, Thomas Edward Rogers, residing at 755 Trago Creek Drive, Ballwin, State of Missouri, and Peter Gerrard Ruminski, residing at 7687 Pierside Drive, Dardenne Prairie, State of Missouri, hereby sell, assign, transfer, and convey unto G. D. SEARLE & CO., a Delaware corporation, whose address is Post Office Box 5110, Chicago, Illinois 60680, its successors and assigns, my entire right, title, and interest in and to the invention in HETEROCYCLIC GLYCYL β -ALANINE DERIVATIVES described in an application for United States Letters Patent (filed as S/N 09/289,140 on April 8, 1999) and in to all Letters Patent of the United States and foreign countries, in which I am a joint inventor with Nizal Samuel Chandrakumar, Bipinchandra Nanubhai Desai, Balekudru Devadas, Alan Frank Gasiecki, Renee Huff, Ish K. Khanna, James W. Malecha, Julie M. Miyashiro, Shashidhar N. Rao, Mark Andrew Russell, and Yi Yu, including any divisions, continuations, reissues, and extensions thereof that may be obtained therefor; and I agree that I will, without additional compensation, but without cost to me, promptly communicate to said G. D. SEARLE & CO., or its representatives, any facts known to me respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, and execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper patent protection for said invention or inventions and improvements in the United States and all countries foreign thereto; and I hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent that may be granted for said invention to said G. D. SEARLE & CO., its successors and assigns.

signed and sealed this 16th day of June, 1999.

Joseph Gerace Rico
Joseph Gerace Rico

Thomas Edward Rogers
Thomas Edward Rogers

Peter Gerrard Ruminski
Peter Gerrard Ruminski

State of Missouri)
County of St. Louis) ss

On the day and year aforesaid, appeared Joseph Gerace Rico, Thomas Edward Rogers and Peter Gerrard Ruminski personally known to me, and by me personally known to be the persons who executed the above instrument, who, being duly sworn, acknowledged that they each executed the above instrument as their free and voluntary act.

MICHELLE R. WARD
Notary Public-Notary Seal
State of Missouri
St Louis City

My Commission Expires Dec 27, 2002

Michele R. Ward
Notary Public

Tab settings → → →

08-18-1999



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Patent

1. Name of conveying party(ies):

Bipinchandra Nanubhai Desai

Alan Frank Gasiecki

Renee Huff

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: June 9, 1999

2. Name and address of receiving party(ies):

Name: G. D. Searle & Co.

Internal Address: Corporate Patent Department

Street Address: Post Office Box 511

City: Chicago State: IL ZIP: 60680

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

Application No. 09/289,140

Filing Date: April 8, 1999

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Cynthia S. Kovacevic

Internal Address: Corporate Patent Department

G. D. Searle & Co.

Street Address: Post Office Box 5110

City: Chicago State: IL ZIP: 60680

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

19-1025

(Attach duplicate copy of this page if paying by deposit account)

18/1999 DATES 00000012 191025 09289140

DO NOT USE THIS SPACE

FC 581

40.00 CH

9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Cynthia S. Kovacevic

Name of Person Signing

Cynthia S. Kovacevic August 9, 1999

Signature

Date

3

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

**Attachment to Form PTO - 1595
Recordation Form Cover Sheet**

Additional Conveying Parties

- Ish K. Khanna
- James W. Malecha
- Julie M. Miyashiro
- Mark Andrew Russell
- Yi Yu

ASSIGNMENT
(JOINT, SEPARATE)

For good and other valuable considerations, the receipt and sufficiency of which are hereby acknowledged, I, Bipinchandra Nanubhai Desai, residing at 200 Annapolis Drive, Vernon Hills, State of Illinois; Alan Frank Gasiecki, residing at 105 Alexandria Drive, Vernon Hills, State of Illinois; Renee Huff, residing at 837 N. Lincoln Avenue, Park Ridge, State of Illinois; Ish K. Khanna, residing at 149 Brandywine Court, Vernon Hills, State of Illinois; James W. Malecha, residing at 1121 Tracy Lane, Libertyville, State of Illinois; Julie M. Miyashiro, residing at 4654 W. Keeney, Skokie, Skokie, State of Illinois; Mark Andrew Russell, residing at 475 Cross Road, Gurnee, State of Illinois and Yi Yu, residing at 9065 Gross Point Road, Skokie, State of Illinois, hereby sell, assign, transfer, and convey unto G. D. SEARLE & CO., a Delaware corporation, whose address is Post Office Box 5110, Chicago, Illinois 60680, its successors and assigns, my entire right, title, and interest in and to the invention in HETEROCYCLIC GLYCYL β -ALANINE DERIVATIVES described in an application for United States Letters Patent therefor, (filed as S/N 09/289,140 on April 8, 1999) and in and to all Letters Patent of the United States and foreign countries, in which I am a joint inventor with Nizal S. Chandrakumar, Balekudru Devadas, Shashidhar N. Rao, Joseph Gerace Rico, Thomas Edward Rogers, and Peter Gerrard Ruminski, including any divisions, continuations, reissues, and extensions thereof that may be obtained therefor; and I agree that I will, without additional compensation, but without cost to me, promptly communicate to said G. D. SEARLE & CO., or its representatives, any facts known to me respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, and execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper patent protection for said invention or inventions and improvements in the United States and all countries foreign thereto; and I hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent that may be granted for said invention to said G. D. SEARLE & CO., its successors and assigns.

Signed and sealed this 9th day of June, 1999.

Bipinchandra Nanubhai Desai Alan Frank Gasiecki
Bipinchandra Nanubhai Desai Alan Frank Gasiecki

Renee Huff
Renee Huff

Ish K. Khanna
Ish K. Khanna

James W. Malecha
James W. Malecha

Julie M. Miyashiro
Julie M. Miyashiro

Mark Andrew Russell
Mark Andrew Russell

Yi Yu
Yi Yu

State of Illinois)
County of Cook)
 } SS

On the day and year aforesaid, appeared Bipinchandra Nanubhai Desai, Alan Frank Gasiecki, Renee Huff, Ish K. Khanna, James W. Malecha, Julie M. Miyashiro, Mark Andrew Russell and Yi Yu, personally known to me, and by me personally known to be the persons who executed the above instrument, who, being duly sworn, acknowledged that they each executed the above instrument as their free and voluntary act.


Notary Public

3077as1

